

PTO/SB/08a (08-03)  
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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of

3

### Complete if Known

Application Number	10/527,749
Filing Date	March 14, 2005
First Named Inventor	Charles L. Bissat
Art Unit	3752
Examiner Name	D. NGUYEN
Attorney Docket Number	ACE-28640

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
[Handwritten marks]		US- 2002/0050531	05-02-2002	Dolan	
		US- 1,479,447	01-01-1924	Beattie	
		US- 2,059,445	11-03-1936	Eastman	
		US- 2,418,808	04-15-1947	Benson	
		US- 3,171,430	02-02-1965	Lovell et al.	
		US- 3,425,632	02-04-1969	Stout	
		US- 3,567,125	03-02-1971	Houghton	
		US- 3,576,212	04-27-1971	Silar	
		US- 3,638,863	02-01-1972	Roberts	
		US- 3,662,776	05-16-1972	Bryant et al.	
		US- 3,770,060	11-06-1972	Forsyth et al.	
		US- 3,878,896	04-22-1975	White et al.	
		US- 4,256,262	03-17-1981	Rosenberg et al.	
		US- 4,366,933	01-04-1983	Broussard	
		US- 4,447,007	05-08-1984	Farines	
[Handwritten marks]		US- 4,465,141	08-14-1984	Johnson	
		US- 4,509,686	04-09-1985	Larsen	
		US- 4,526,414	07-02-1985	Jones	

### FOREIGN PATENT DOCUMENTS

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		Country Code <sup>4</sup> Number <sup>5</sup> Kind Code <sup>6</sup> (if known)				
[Handwritten marks]		CA 460,126	10-04-1949	Woolslayer et al.		
		CA 962,977	02-18-1975	Takeuchi		
		CA 1,299,971	05-05-1992	Nahmias et al.		
		CA 1,302,840	06-09-1992	Scott		
		CA 2,146,470	10-07-1996	Gonsalves		

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DINH Q. NGUYEN

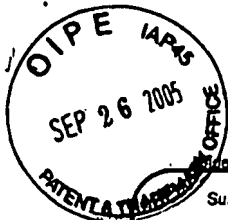
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 3

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Application Number	10/527,749
Filing Date	March 14, 2005
First Named Inventor	Charles L. Bissat
Art Unit	3752
Examiner Name	D. NGUYEN
Attorney Docket Number	ACE-28640

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DN		US- 4,671,315	06-09-1987	Gardner	
		US- 4,776,403	10-11-1988	Lejosne	
		US- 4,779,914	10-25-1988	Friedline	
		US- 4,836,291	06-06-1989	Owens et al.	
		US- 4,850,555	07-25-1989	Lemkin et al.	
		US- 4,895,305	01-23-1990	Powell	
		US- 5,014,790	05-14-1991	Papavergos	
		US- 5,108,584	05-28-1991	Tomlinson	
		US- 5,018,770	05-28-1991	Beasley	
		US- 5,070,945	12-10-1991	Nahmias	
		US- 5,04,298	03-10-1992	Polan	
		US- 5,152,458	10-06-1992	Curtis	
		US- 5,158,231	10-27-1992	Christen et al.	
		US- 5,165,482	11-24-1992	Smagac et al.	
		US- 5,337,993	08-16-1994	Hersman	
		US- 5,564,505	10-15-1996	Moliere	
		US- 5,579,966	12-03-1996	Krumweide et al.	
		US- 5,628,459	05-13-1997	Bennett, Jr.	

**FOREIGN PATENT DOCUMENTS**

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DN		WO 91/09649	07-11-1991	Lejosne et al.		
		WO 92/22351	12-23-1992	Breedlove		
		WO 94/25111	11-10-1994	Sundholm		
		WO 99/51305	10-14-1999	Vallianatou		

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Signature

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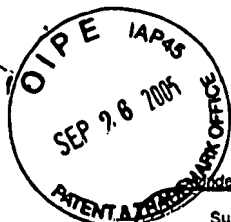
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[Signature]		US- 5,687,910	11-18-1997	King	
		US- 5,692,571	12-02-1997	Jackson	
		US- 5,823,580	10-20-1998	Ungerecht	
		US- 5,826,665	10-27-1998	Truax et al.	
		US- 6,079,501	06-27-2000	Schmidt	
		US- 6,173,909	01-16-2001	Sprakel et al.	
		US- 6,302,335	10-16-2001	Ormiston et al.	
		US- 6,308,784	10-30-2001	Mears	
		US- 6,322,027	11-27-2001	Hsu	
		US- 6,336,510	01-08-2002	Gadini	
		US- 6,360,968	03-26-2002	Orange et al.	
		US-			
		US-			
		US-			
		US-			

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